

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/798,025
Source: IFWO
Date Processed by STIC: 12/14/05

ENTERED



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/798,025

DATE: 12/14/2005

TIME: 18:25:29

Input Set : N:\Crf4\12132005\K798025.raw

Output Set: N:\CRF4\12142005\J798025.raw

1 <110> APPLICANT: Langmore, John
 2 Makarov, Vladimir
 3 <120> TITLE OF INVENTION: Method of Producing a DNA Library Using Positional
 Amplification
 4 <130> FILE REFERENCE: UMIC:047US0/10103482
 C--> 5 <140> CURRENT APPLICATION NUMBER: US/10/798,025
 6 <141> CURRENT FILING DATE: 2004-03-11
 7 <160> NUMBER OF SEQ ID NOS: 121
 8 <170> SOFTWARE: PatentIn version 3.1
 10 <210> SEQ ID NO: 1
 11 <211> LENGTH: 24
 12 <212> TYPE: DNA
 13 <213> ORGANISM: Unknown
 14 <220> FEATURE:
 15 <223> OTHER INFORMATION: Primer
 16 <400> SEQUENCE: 1
 17 gatgcctat acctaggacc atgt 24
 19 <210> SEQ ID NO: 2
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 21 <212> TYPE: DNA
 22 <213> ORGANISM: Artificial Sequence
 23 <220> FEATURE:
 24 <223> OTHER INFORMATION: DNA/RNA Primer
 25 <220> FEATURE:
 26 <221> NAME/KEY: misc_feature
 27 <222> LOCATION: (1)..(22)
 28 <223> OTHER INFORMATION: Ribonucleotide at 7, 10 ,13, 19
 29 <400> SEQUENCE: 2 22
 30 gttacauggu ccuaggttua gg
 32 <210> SEQ ID NO: 3
 33 <211> LENGTH: 23
 34 <212> TYPE: DNA
 35 <213> ORGANISM: Unknown
 36 <220> FEATURE:
 37 <223> OTHER INFORMATION: Primer
 38 <400> SEQUENCE: 3
 39 gttacatggc ccttaggtata ggc 23
 41 <210> SEQ ID NO: 4
 42 <211> LENGTH: 37
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Unknown
 45 <220> FEATURE:
 46 <223> OTHER INFORMATION: Primer
 47 <400> SEQUENCE: 4

P6

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48	gatgcctat acctaggacc atgtaacgaa ttcatca	37
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53 <213>	ORGANISM: Unknown	
54 <220>	FEATURE:	
55 <223>	OTHER INFORMATION: DNA/RNA Primer	
56 <220>	FEATURE:	
57 <221>	NAME/KEY: misc_feature	
58 <222>	LOCATION: (1)..(45)	
59 <223>	OTHER INFORMATION: Ribonucleotide at 24, 29, 35, 41	
60 <400>	SEQUENCE: 5	
61	aggtcggccgc cctgatgaat tcgutacaug gtccuaggta uaggc	45
63 <210>	SEQ ID NO: 6	
64 <211>	LENGTH: 12	
65 <212>	TYPE: DNA	
66 <213>	ORGANISM: Unknown	
67 <220>	FEATURE:	
68 <223>	OTHER INFORMATION: Primer	
69 <400>	SEQUENCE: 6	
70	ggcgccgcac ct	12
72 <210>	SEQ ID NO: 7	
73 <211>	LENGTH: 25	
74 <212>	TYPE: DNA	
75 <213>	ORGANISM: Unknown	
76 <220>	FEATURE:	
77 <223>	OTHER INFORMATION: Primer	
78 <400>	SEQUENCE: 7	
79	gggagatctg aattcccccc ccccc	25
81 <210>	SEQ ID NO: 8	
82 <211>	LENGTH: 23	
83 <212>	TYPE: DNA	
84 <213>	ORGANISM: Unknown	
85 <220>	FEATURE:	
86 <223>	OTHER INFORMATION: Primer	
87 <400>	SEQUENCE: 8	
88	gggagatctg aattcaaaaa aaa	23
90 <210>	SEQ ID NO: 9	
91 <211>	LENGTH: 24	
92 <212>	TYPE: DNA	
93 <213>	ORGANISM: Unknown	
94 <220>	FEATURE:	
95 <223>	OTHER INFORMATION: Primer	
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97	gaattcagat ctccgggtc accg	24
99 <210>	SEQ ID NO: 10	
100 <211>	LENGTH: 30	
101 <212>	TYPE: DNA	
102 <213>	ORGANISM: Unknown	

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104 <223> OTHER INFORMATION: Primer
105 <400> SEQUENCE: 10
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109 <211> LENGTH: 30
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111 <213> ORGANISM: Unknown
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Primer
114 <400> SEQUENCE: 11
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117 <210> SEQ ID NO: 12
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120 <213> ORGANISM: Unknown
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Primer
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127 <211> LENGTH: 25
128 <212> TYPE: DNA
129 <213> ORGANISM: Unknown
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Primer
132 <400> SEQUENCE: 13
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135 <210> SEQ ID NO: 14
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137 <212> TYPE: DNA
138 <213> ORGANISM: Unknown
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Primer
141 <400> SEQUENCE: 14
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145 <211> LENGTH: 38
146 <212> TYPE: DNA
147 <213> ORGANISM: Unknown
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Primer
150 <400> SEQUENCE: 15
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153 <210> SEQ ID NO: 16
154 <211> LENGTH: 27
155 <212> TYPE: DNA
156 <213> ORGANISM: Unknown
157 <220> FEATURE:

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158 <223> OTHER INFORMATION: Primer
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160 <221> NAME/KEY: misc_feature
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168 <212> TYPE: DNA
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170 <220> FEATURE:
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172 <220> FEATURE:
173 <221> NAME/KEY: misc_feature
174 <222> LOCATION: (1)..(23)
175 <223> OTHER INFORMATION: Ribonucleotide at 7, 10, 13, 19
176 <220> FEATURE:
177 <221> NAME/KEY: misc_feature
178 <222> LOCATION: (23)..(23)
179 <223> OTHER INFORMATION: n equals ddC
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184 <211> LENGTH: 26
185 <212> TYPE: DNA
186 <213> ORGANISM: Unknown
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Primer
189 <400> SEQUENCE: 18
190 gatgcctat acctaggacc atgtaa 26
192 <210> SEQ ID NO: 19
193 <211> LENGTH: 23
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: DNA/RNA Primer
198 <220> FEATURE:
199 <221> NAME/KEY: misc_feature
200 <222> LOCATION: (1)..(23)
201 <223> OTHER INFORMATION: Ribonucleotide at 7, 10, 13, 19
202 <400> SEQUENCE: 19
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205 <210> SEQ ID NO: 20
206 <211> LENGTH: 37
207 <212> TYPE: DNA
208 <213> ORGANISM: Unknown
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Primer

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Input Set : N:\Crf4\12132005\K798025.raw
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211 <400> SEQUENCE: 20
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217 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: DNA/RNA Primer
220 <220> FEATURE:
221 <221> NAME/KEY: misc_feature
222 <222> LOCATION: (1)..(45)
223 <223> OTHER INFORMATION: Ribonucleotide at 24, 29, 35, 41
224 <400> SEQUENCE: 21
225      aggtcgccgc cctgatgaat tcgutacaug gtccuaggta uagc          45
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228 <211> LENGTH: 26
229 <212> TYPE: DNA
230 <213> ORGANISM: Unknown
231 <220> FEATURE:
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233 <220> FEATURE:
234 <221> NAME/KEY: misc_feature
235 <222> LOCATION: (26)..(26)
236 <223> OTHER INFORMATION: n equals ddC
237 <400> SEQUENCE: 22
W--> 238      gggagatctg aattcccccc ccccn          26
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242 <212> TYPE: DNA
243 <213> ORGANISM: Unknown
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Primer
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248 <222> LOCATION: (25)..(25)
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250 <400> SEQUENCE: 23
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255 <212> TYPE: DNA
256 <213> ORGANISM: Unknown
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Primer
259 <400> SEQUENCE: 24
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262 <210> SEQ ID NO: 25
263 <211> LENGTH: 42
264 <212> TYPE: DNA

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/14/2005
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Input Set : N:\Crf4\12132005\K798025.raw
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:16; N Pos. 27
Seq#:17; N Pos. 23
Seq#:22; N Pos. 26
Seq#:23; N Pos. 25
Seq#:26; N Pos. 25
Seq#:27; N Pos. 25
Seq#:42; N Pos. 47,48,49,50
Seq#:44; N Pos. 47,48,49,50
Seq#:62; N Pos. 47,48,49,50
Seq#:64; N Pos. 26

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 3

VERIFICATION SUMMARY
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Input Set : N:\Crf4\12132005\K798025.raw
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L:5 M:270 C: Current Application Number differs, Replaced Current Application Number
L:164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:469 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0
L:666 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:0